

Patent Abstracts of Japan

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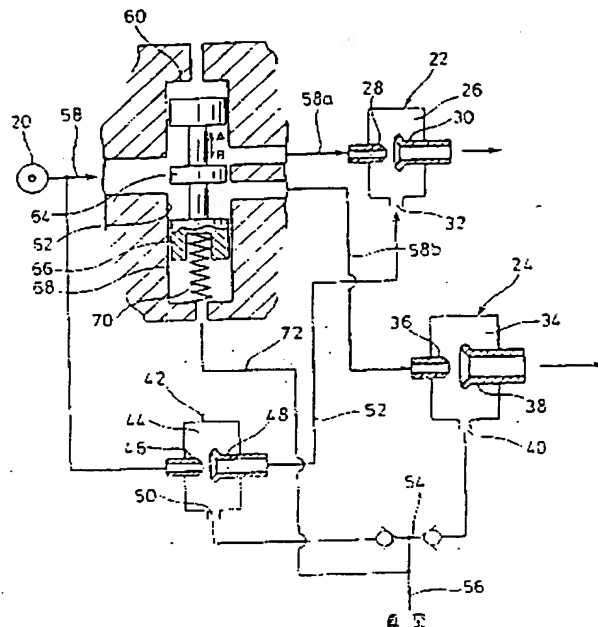
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TITLE : VACUUM GENERATOR



ABSTRACT : PURPOSE: To provide a vacuum generator with good vacuum generating performance in a wide range from low to high vacuum by furnishing two ejector units having different degrees of vacuum, making the high vacuum side in multiple stages using another ejector unit, and by switching the two units alternately.

CONSTITUTION: A high vacuum ejector unit 22 and a high vacuum ejector unit 24 are furnished. The two units 22, 24 are controlled by a distribution adjusting valve 60 and connected to a pressurized fluid source 20. Another ejector unit 42 is provided and connected directly to said fluid source 20. This ejector unit 42 is connected with the above-mentioned unit 22 so that multiple stages are provided. The units 24, 42 are connected to a vacuum takeout pipe 56. An adjusting valve 60 is operated through the action of negative pressure in this vacuum takeout pipe 56, and the two units 22, 24 are put under control.

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